

**NVLAP LAB CODE #101106-0** 

Accredited Laboratory

Log #:

Page

30572

1 of 1

Priority:

2 Hour B

Project #:

77-97062.00

Number of Samples:

Client Name: City of Seattle, F.F.D.

Job Location: Fire Station #6

Seattle, WA 98134

(206) 763-7364

Contact: Joe Zdenek

PO/Job#:9946086

SAMPLE #: (1

LAB#: 30572.1

SOURCE: Sheet Vinyl

LOCATION: Apparatus Bay, Southwest Corner

MATERIAL DESCRIPTION: LAYERED

Gray and white pebble-pattern sheet vinyl on gray

fibrous backing with yellow brittle mastic

**RESULTS:** 

Layers Homogenized for Analysis

No Asbestos Detected

ASBESTOS TYPE PERCENT

OTHER FIBERS	%
Cellulose	25
Glass Fiber	15
Synthetic	5

OTHER MATERIALS

Filler & Binder Vinyl Filler and Binder

Wollastonite

20 30

%

Note: Sheet goods flooring

SAMPLED BY: Joe Zdenek

COMPANY: City of Seattle, F.F.D.

RECEIVED BY: Phyllis Thompson

DATE: 1/28/2002

DATE: 1/28/2002

ANALYZED BY: Rachel Melgoza/

DATE: 1/28/2002

Tracy Perkins or other NVLAP Approved Signatory



NVLAP #101106-0

**Accredited Laboratory** 

Page Log #:

27308

1 of 1

Priority:

24 Hour B 77-97062.00

Project #: Number of Samples:

Client Name: City of Seattle, E.S.D.

Contact: Jo Scherer

Job Location: Fire Station #6

Seattle, WA 98134

(206) 763-7364

Job/PO#:

SAMPLE #: (FS-6

LAB #: 27308.1

SOURCE: Not Noted

**LOCATION:** Watch Office Door to Apparatus

Door R.O. 9907889

MATERIAL DESCRIPTION: HOMOGENEOUS

Off-white fibrous powder

**RESULTS:** 

No Asbestos Detected

ASBESTOS TYPE **PERCENT**  OTHER FIBERS

%

Cellulose

% OTHER MATERIALS

Filler & Binder

95

Note:

SAMPLED BY: Jo Scherer

DATE: 12/14/2000

ANALYZED BY: Jude Cummings

DATE: 12/15/2000

COMPANY: City of Seattle, E.S.D.

RECEIVED BY: Mary Richardson

DATE: 12/14/2000

Laboratory Manager

NVLAP Approved Signatory

Clayton is accredited by NIST/NVLAP. Accreditation by NVLAP does not indicate endorsement by NVLAP or any other government agency. All bulk samples are analyzed in accordance with method EPA/600/R-93-116 (July 1993). Analyses are cross-checked through inter and intra laboratory quality assurance programs for verification. The percent values reported above are based on a calibrated visual estimates by volume unless verification by Point Counting is indicated. Test results reported relate only to the samples submitted by the client to Clayton. Trace amounts of asbestos could possibly be missed by PLM, therefore negative results cannot be guaranteed. This report shall not be reproduced except in its entirety, without Clayton Group Services permission. Error Rates: Chrysotile, Amosite and Crocidolite asbestos: Qualitative-.03, Quantitative-.24 / Tremolite, Actinolite and Anthophyllite asbestos: Qualitative-.05, Quantitative-.04



NVLAP LAB CODE #101106-0

Accredited Laboratory

Log #:

Page

30572

l of 1

Priority:

2 Hour B 77-97062.00

Project #: Number of Samples:

%

25 15

5

% 20 30

5

Client Name: City of Seattle, F.F.D.

Contact: Joe Zdenek

PO/Job#:9946086

SAMPLE #: (1

LAB#: 30572.1

SOURCE: Sheet Vinyl

Seattle, WA 98134

(206) 763-7364

Job Location: Fire Station #6

**LOCATION:** Apparatus Bay, Southwest Corner

Floor

MATERIAL DESCRIPTION: LAYERED

Gray and white pebble-pattern sheet vinyl on gray fibrous backing with yellow brittle mastic

RESULTS:	OTHER FIBERS
Layers Homogenized for Analysis  No Asbestos Detected  ASBESTOS TYPE PERCENT	Cellulose Glass Fiber Synthetic
	OTHER MATERIALS
	Filler & Binder Vinyl Filler and Binder Wollastonite

Note: Sheet goods flooring

SAMPLED BY: Joe Zdenek

COMPANY: City of Seattle, F.F.D.

RECEIVED BY: Phyllis Thompson

DATE: 1/28/2002

DATE: 1/28/2002

ANALYZED BY: Rachel Melgoza

DATE: 1/28/2002

Tracy Perkins o other **NVLAP** Approved Signatory



4636 E. Marginal Way South, Suite 215 Seattle, WA 98134 (206) 763-7364

December 20, 2000

Jo Scherer

City of Seattle, E.S.D.

610 3rd Avenue, Basement Level

Seattle,

WA 98104-1824

FS 6

Clayton Log Number:

27308

Reference: 77-97062.00

Dear Jo Scherer

Clayton Group Services received 1 sample(s) on 12/14/2000 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded one year after the date of this report, unless you have requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact the Laboratory at (800) 568-7755.

Sincerely,

RECEIVED

JAN 02 2001

Tracy Perkins

Laboratory Supervisor

Enc.

ESD FACILITIES M&O



**NVLAP #101106-0** 

**Accredited Laboratory** 

Page 1 of 1

27308

Log #: Priority:

24 Hour B

Project #:

77-97062.00

Number of Samples:

1

Int Name: City of Seattle, E.S.D.

Job Location: Fire Station #6

Seattle, WA 98134 (206) 763-7364

Contact: Jo Scherer

Job/PO#:

SAMPLE #: (FS-6

LAB#: 27308.1

SOURCE: Not Noted

**LOCATION:** Watch Office Door to Apparatus

Door R.O. 9907889

MATERIAL DESCRIPTION: HOMOGENEOUS

Off-white fibrous powder

**RESULTS:** 

No Asbestos Detected ASBESTOS TYPE

PERCENT

**OTHER FIBERS** 

Cellulose

% 5

OTHER MATERIALS

Filler & Binder

% 95

Note:

RECEIVE

JAN 02 2001

ESD FACILITIES IN

SAMPLED BY: Jo Scherer

DATE: 12/14/2000

ANALYZED BY: Jude Cummings

DATE: 12/15/2000

COMPANY: City of Seattle, E.S.D.

¿EIVED BY: Mary Richardson

DATE: 12/14/2000

## **ENVIRONMENTAL CONSULTANTS**

REPORT RESULTS TO

Name

D scheun

(method, limit of detection, etc.)

CIRCLE ONE:

Explanation of Preservative:

CLIENT SAMPLE IDENTIFICATION

7. 12. 13.

6

1

toparatus Door

Special Instructions and/or specific regulate

Telephone No. 684-0156

City, State, Zip

Mailing Address: 610 3rd Ave. Company City of Seattle -

# REQUEST ANALY

	IMPODIANT	Page o
REQUEST FOR LABORATORY	12,00	For Clayton Use Only Clayton Lab Project No.
ANALYTICAL SERVICES	7 17	
	Phone or Fax Results Proj#:	: 77-97062.00
Chella Client Job No.	Purchase Order No.	
ttle - ESD Dept Facilities Maint.		
Ave. Bsmt. Level Control Center	TO	Dept.
Seattle, WA 98104-1824 684-0156   FAX No. 684-0525	City, State, Zip	
ific regulatory requirements: Samples are:		ervalive added.*)
JLAR, ∕24HR,) 2HR ☐ Drinking Water		
UNT Groundwater	The County	\ 
BIX/ AIR VOLUME	- CONTESO W	FORLAB
SAMPLED MEDIA (specify units)	1	USE ONLY
Watch Office Door 12-13 1600		08887
90		
5907885		
	Z M C M I V M O	
	JAN 0 9 Joo.	
	ESD FACILITIES M &	
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	<b>P</b>	
d by: Mehale (print) Or	Coffector's Signature:	
shed by: / 了D 与CHEICEC Date/Time 'Z-14-00 Ru	Received by: VOLUX ( + A VCD LOVON Dater	Date/Time 12/18/00 340
shed by: Date/Time Ru	Received by: Date/Time	Time
of Shipment;	Received at Lab by: Q C 12 15 00 Date	Date/Time O SISSAM
eur Date 12-14.00	: Acceptable	ner (explain)
//Signature MUST Accompany Request)	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
eted form and samples to one of the Clayton Environmental Consultants, inc. labs listed below:  Atlanta Regional Lab  San Francisco Regional Lab  4636 E. Marginal Way ( 400 Chastain Center Blvd., N.W., Suite 490  Kennesaw, GA 30144  Pleasanton, CA 94566  Kennesaw, GA 30144  (800) 294-1755  (800) 252-9919	DISTRIB White Yellow Pink	BUTION:  = Clayton Laboratory  = Clayton Accounting  = Client Copy
4990	(206) 763-7364 FAX (206) 763-4189	1/95 20K

Detroit Regional Lab 22345 Roethel Drive Novi, MI 48375 (200) 806-5887 (810) 344-1770 FAX (810) 344

Please return completed form and samples

(ClientySignature MUST Accompany

Authorized by:

CHAIN OF CUSTODY

Relinquished by: Collected by:

Relinquished by: Method of Shipment;

CLAYTON GROUP SERVICES

2067634189

P.02

Client: City of Seattle, E.S.D.

Log# 27308

Location: F.S. 6- Watch Office Door

Job / PO#

No Asbesto	os Detected				
		номо	GENEOUS		
Asbestos	Asbestos %	non-asbestos fibers	% other fibers	nonfibrous components	nonfibrous s
		Cellulose	5	Filler & Binder	95

## ONSULTANTS

## ASBESTOS BULK SAMPLE DATA

Log #:

Page 1 of 2 18360

Priority:

Regular B

formerly HAZCON

4636 E. Marginal Way So. Suite 215 Seattle, WA 98134 (206) 763-7364

An AIHA #414 and

NVLAP #101106-0 Accredited Paporatory VED

Project #: Number of Samples:

2

Client Name: City of Seattle, D.A.S. Job Location: Fire Station # 6

OCT 08 1996

Contact: Joe Zdenek

Job / PO# DAS FACILITIES M & C

LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately. LAYER 1 RESULTS:

SAMPLE #: 1

LAB#: 18360.1A

SOURCE: Sheet Vinyl LOCATION: Beanery floor

MATERIAL DESCRIPTION:

Gray/white pebbled vinyl with gray fibrous backing

No Asbestos Detected ASBESTOS TYPE PERCENT OTHER FIBERS % Cellulose 40

OTHER MATERIALS % Wollastonite Filler & Binder 10 Vinyl Filler and Binder 45

%

%

100

%

Note:

SAMPLE #: 1

LAB#: 18360.1B

SOURCE: Mastic

LOCATION: Beanery floor

MATERIAL DESCRIPTION: Gold brittle mastic

LAYER 2 RESULTS:

No Asbestos Detected ASBESTOS TYPE PERCENT

OTHER MATERIALS

**OTHER FIBERS** 

Filler & Binder

Note:

LAYERED SAMPLE: NESHAP and AHERA regulations require layers be analyzed and reported separately. LAYER 1 RESULTS:

ASBESTOS TYPE

SAMPLE #: 2

LAB#: 18360.2A

SOURCE: Sheet Vinyl

LOCATION: Watch office

MATERIAL DESCRIPTION:

Gray/white pebbled vinyl with gray fibrous backing

No Asbestos Detected

**OTHER FIBERS** 

% Cellulose 40

OTHER MATERIALS

Wollastonite Filler & Binder 10 Vinyl Filler and Binder

Note:

SAMPLED BY: Client

DATE: 09/25/96

ANALYZED BY: Crystal Wright

PERCENT

DATE: 10/01/96

COMPANY: City of Seattle, D.A.S.

RECEIVED BY: Linda Cochran

DATE: 09/26/96

Laboratory Manager - NVLAP Approved Signatory

ayton is accredited by NIST/NVLAP. Accreditation by NVLAP does not indicate endorsement by NVLAP or any other government agency. All bulk samples are alyzed in accordance with method EPA/600/R-93-116 (July 1993) and EPA/600/M4-82-020 (Dec. 1982). Analyses are cross-checked through inter and intra laboratory quality assurance programs for verification. The percent values reported above are based on a calibrated visual estimates by volume unless verification by Point Counting is indicated. Test results reported relate only to the samples submitted by the client to Clayton. Trace amounts of asbestos could possibly be missed by PLM, therefore negative results cannot be guaranteed. This report shall not be reproduced except in its entirety, without Clayton permission. Error Rates: Qualitative: No Errors; Quantitative: Chrysotile, Amosite and Crocidolite asbestos; 0.25 / Tremolite, Actinolite and Anthophyllite asbestos; 0.29

### Clayton ENVIRONMENTAL CONSULTANTS

formerly HAZCON

4636 E. Marginal Way So. Suite 215 Seattle, WA 98134 (206) 763-7364

## ASBESTOS BULK SAMPLE DATA

An AIHA #414 and

and NVLAP #101106-0 Accredited Laboratory Log #:

Page 2 of 2 18360

Priority:

Regular B

Project #:

Number of Samples:

2

Client Name: City of Seattle, D.A.S.

PECFIVED

Contact: Joe Zdenek

Job Location: Fire Station #96

OCT 08 1995

Job / PO#

SAMPLE #: 2

LAB#: 18360.2B

SOURCE: Mastic

LOCATION: Watch office

MATERIAL DESCRIPTION:

Gold brittle mastic

LAYER 2 RESULTSO

No Asbestos Detected
ASBESTOS TYPE PERCENT

OTHER FIBERS
Cellulose

% Trace

OTHER MATERIALS

Filler & Binder

% 100

Note:

SAMPLED BY: Client

COMPANY: City of Seattle, D.A.S.

RECEIVED BY: Linda Cochran

DATE: 09/26/96

DATE: 09/25/96

ANALYZED BY: Crystal Wright

DATE: 10/01/96

Laboratory Manager - NVLAP Approved Signatory